

AMENDMENTS TO THE SPECIFICATION

Please replace the sentence on page 2, line 21 with the following rewritten sentence:

-- Summary of the Invention --

Please replace the paragraph beginning on page 5, line 7 with the following rewritten paragraph:

-- Referring to FIGS. 1 and 2, an antenna duplexer or RF filter 10 includes an elongate, parallelepiped (or "box-shaped") core of ceramic dielectric material 12. Core 12 has three sets of opposing side surfaces: a top 14 and a bottom 16 (FIG. 1), opposing long sides 18 and 20, and opposing narrow ends or sides 22 and 24. Core 12 has a central portion 21 as shown in FIG. 1. The interface between sides 18, 20, 22 and 24 define parallel edges 26 (FIG. 1). Core 12 has a length C, width B and height A, the designations of which appear in the figures FIG. 1. --

Please replace the paragraph beginning on page 5, line 30 with the following rewritten paragraph:

-- Filter 10 includes a pattern of metallized and unmetallized areas (or regions) 40. Pattern 40 includes an expansive, relatively wide area of metallization 42 and an unmetallized area 44. Pattern 40 also includes multiple input-output coupling metallized areas 34, 35, 36 and 37. Specifically, pattern 40 has a transmitter coupling area 34, a receiver metallized coupling area 37, a first antenna input-output coupling area 35, and a second antenna input-output coupling area 36. Coupling areas 34 and 37 have corresponding surface mounting pads 34A and 37A on side surface 18 as shown in FIG. 1 and corresponding, respective extensions 34B and 37B onto top surface 14. --

Please replace the paragraph beginning on page 6, line 8 with the following rewritten paragraph:

-- First and second antenna coupling areas 35 and 36 are preferably conductively linked to each other and a surface mount pad 38 (FIG. 1) by an interconnection area 39 of metallization. Coupling areas 35 and 36 have corresponding extensions 35B and 36B. --

Please replace the paragraph beginning on page 6, line 16 with the following rewritten paragraph:

-- Expansive metallized area 42 covers portions of top surface 14 and side surface 18, and substantially all of bottom surface 16, side surfaces 20, 22, 24 and the sidewalls 32 (FIG. 1) of through-holes 30. Expansive metallized area 42 extends contiguously from within the resonator holes 30 towards both top surface 14 and bottom surface 16. Area 42 serves as a local ground. --

Please replace the paragraph beginning on page 6, line 22 with the following rewritten paragraph:

-- Core 12 and pattern 40 together form the series of through-hole resonators 31A, 31B, 31C, 31D, 31E, 31F, 31G, 31H and 31I. Resonator pads 60A, 60B, 60C, 60D, 60F, 60G, 60H and 60I are located on top surface 14 as shown in FIG. 2 and are a portion of metallized area 42 and connected to metallization on sidewalls 32. --

Please replace the paragraph beginning on page 9, line 12 with the following rewritten paragraph:

-- An alternative embodiment of an antenna duplexer or RF filter 200 is shown in FIGS. 3 and 4. RF filter 200 is similar to RF filter 10 except that first and second antenna coupling areas 235 and 236 are not conductively linked by metallization on the surface of core 212. First antenna coupling area 235 has a surface-mount pad 235A on side 218 and an extension 235B onto top surface 214. Second antenna coupling area 236 likewise has a surface mounting pad 236A and an extension 236B (FIG. 2) onto top surface 214. Surface mount pads 235A and 236A are preferably electrically interconnected and linked to an antenna on the circuit board or other substrate of the host electronic device. Alternatively, pads 235A and 236A may be individually connected to separate antennas. The other features of filter 200 are substantially the same as in filter 10 as described herein above and are not further described. --